

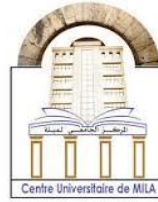
Computer Science 2

Practical Work 1: Revision

Exercise 1:

Question 1	Solution
By using if else statement write a C program to accomplish the following : – Enter two float numbers a and b – If a=b, then display "a equals b". – If a>b, then display "a is the max". – If a<b, then display "b is the max"	<pre>#include <stdio.h> int main() { float a,b; printf("Enter two numbers:\n"); scanf("%f%f",&a,&b); if(a==b) { printf("a equals b"); } else {if(a>b) { printf("a is the max");} else { printf("b is the max"); } } return 0; }</pre>

Question 2	Solution
Write a C program to following pattern: <pre>12345 1234 123 12 1</pre>	<pre>#include <stdio.h> int main() { int i, j; for(i=5;i>=1;i--) { for(j=1;j<=i;j++) { printf("%d",j); } } }</pre>

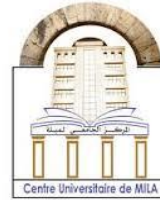


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	<pre> } printf("\n"); } return 0; } </pre>
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Exercise 2:

Question 1	Solution
Write a C program to following pattern: <pre> A BC DEF GHIJ </pre>	<pre> #include<stdio.h> int main() { int i,j; char x='A'; for(i=1;i<=4;i++) { for(j=1;j<=i;j++) { printf("%c",x); x++; } printf("\n"); } return 0; } </pre>
Question 1	Solution
Write a C program to display the multiplication table of 2 and 3:	<pre> #include <stdio.h> int main() { int i,j,p; for (i=2; i<=3;i++) { for(j=1;j<=10;j++) { p=i*j; printf("%d*%d=%d\n",i,j,p); } printf("\n-----\n"); } } </pre>



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	<pre>return 0; }} return 0; }</pre>
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Homework:

Write a C program to following pattern:

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*      *      *      *
**     **     **     **
***    ***    ***    ***
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